

# PROPOSAL EVALUATION

## *Proposition 1E Integrated Regional Water Management (IRWM) Grant Program*

### *Stormwater Flood Management Grant, Round 1, 2010-2011*

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<b>Applicant</b>	San Francisquito Creek JPA	<b>Amount Requested</b>	\$8,000,000
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<b>Proposal Title</b>	San Francisquito Creek Flood Protection and Ecosystem Restoration Capital Improvement Project, East Bayshore Road to San Francisco Bay - Phase 1	<b>Total Proposal Cost</b>	\$16, 700,000
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### PROPOSAL SUMMARY

The goal of the San Francisquito Creek Flood Protection and Ecosystem Restoration Capital Improvement Project, East Bayshore Road to San Francisco Bay, is to provide protection against a 1% fluvial event coincident with a 1% tide, with accommodation for 26 inches of projected sea level rise and FEMA freeboard requirements on San Francisquito Creek between East Bayshore Road and the San Francisco Bay. The project will protect more than 1,100 properties from creek flooding, and when coupled with future tidal levee improvements, will remove these properties from the FEMA floodplain.

### PROPOSAL SCORE

Criteria	Score/ Max. Possible	Criteria	Score/ Max. Possible
Work Plan	9/15	Economic Analysis – Flood Damage Reduction and Water Supply Benefits	9/12
Budget	3/5	Water Quality and Other Expected Benefits	9/12
Schedule	3/5	Program Preferences	6/10
Monitoring, Assessment, and Performance Measures	3/5		
Total Score (max. possible = 64)			42

### EVALUATION SUMMARY

#### Work Plan

Criterion is less than fully addressed and supporting documentation or rationales are incomplete or insufficient. The Work Plan presents 12 detailed tasks and discusses the various permits the project requires, as well as CEQA documentation; however, the applicant did not submit designs or engineering reports; only summaries of what is available or relevant. Therefore, the reviewer is unable to determine if the available technical information supports the feasibility of the work items. A tabulated overview of the project and abstract is not included: however, the project's status is discussed. The Work Plan lists six goals of the Bay Area IRWM; however, does not adequately discuss how the project's goals and objectives relate

to the IRWM. A “Purpose and Needs” were discuss, and a listing and summary of what work has already been completed are provided.

### **Budget**

The Budget for most of the projects in the Proposal has detailed cost information, but not all costs appear reasonable. Supporting documentation is lacking for a majority of the items shown in the Budget categories. For example, the Budget table identifies a contingency amount/percentage; however, it does not provide an explanation of the rational used to determine this contingency percentage.

### **Schedule**

The Schedule corresponds with the tasks in the Work Plan, but it is very general and does not include milestones or evidence of inter-related tasks; such as dates for quarterly reporting or linkages between tasks. While the Schedule task durations are reasonable, the Schedule does not include time lines for subtasks included in the Work Plan and Budget.

### **Monitoring, Assessment, and Performance Measures**

The criterion is less than fully addressed and documentation or rationales are incomplete or insufficient. The monitoring and assessment program and performance measures are not adequately detailed. The Work Plan identifies six project goals; however, this attachment only lists four goals. Most Output Indicators effectively track project output. However, while the project goals consistent with the project, some of the project goals, such as “Improve Recreation Opportunities”, are not well presented in the Work Plan. The Project is consistent with the Basin Plan and Targets are achievable within the life of the project.

### **Economic Analysis – Flood Damage Reduction (FDR) and Water Supply Benefits**

High levels of flood damage reduction and water supply benefits can be realized through this proposal, and the quality of the analysis and supporting documentation demonstrates these benefits. An inundation map is provided, the estimated probability of flood events is verifiable, and expected annual damages appear to be accurate. The overall impression of the information provided is good. Total Phase 1 Net Present Value (NPV) of costs is \$16.858 million. FDR claimed benefits are \$20.084 million, more than costs. However, no water supply benefits are claimed.

### **Economic Analysis – Water Quality and Other Expected Benefits**

High levels of water quality and other benefits can be realized through this proposal; however, the quality of the analysis is partially lacking and supporting documentation is partially unsubstantiated. Water quality and other claimed benefits are \$14.228 million. In-stream water quality benefits are not monetized. The project would provide a benefit to the Bay by preventing transport of debris and contaminants from urban areas. The project would create tidal marsh habitat. 16.1 acres of mid-marsh habitat and 4.0 acres of low-marsh habitat would be created at a claimed value of \$50,000 per acre per year. The stated value of \$50,000 to \$80,000 per acre per year is not well documented. It appears to be derived by adding over valuable characteristics of different wetland types.

## **Program Preferences**

The Proposal includes a project that implements the following Program Preferences: Include regional projects or programs, Effectively Integrate Water Management Programs and Projects, Contribute to Attainment of One or More of the Objectives of the CALFED Bay-Delta Program, Effectively Integrate Water Management with Land Use Planning, Climate Change Response Actions, Practice Integrated Flood Management and Protect Surface Water and Groundwater Quality. However, the Proposal demonstrates a limited degree of certainty that the Program Preferences claimed can be achieved, and lacks thorough documentation for the breadth and magnitude of the Program Preferences to be implemented.